

Abstract of the Disclosure

The invention relates to a borehole treatment composition containing an aqueous phase and a non-aqueous oil phase, emulsifiers and, where appropriate, further customary additives, the non-aqueous oil phase containing at least one of

- 5 a) paraffins having from 5 to 22 carbon atoms; and
- b) internal olefins having from 12 to 30 carbon atoms in the molecule; in the form of a blend with
- c) carboxylic esters of the formula $R-COO-R'$, where R stands for a linear or branched, saturated or unsaturated alkyl radical having from 15 to 25
- 10 carbon atoms and R' denotes a saturated, linear or branched alkyl radical having from 3 to 22 carbon atoms. The ratio of the toxicity of internal olefins of chain length C16/C18 (standard IO) to the toxicity of the constituents of the non-aqueous oil phase, in each case measured by the Leptocheirus plumulosus acute, static 96 hour/10 day sediment toxicity
- 15 test (in accordance with ASTM E 1367 - 92 & EPA/600/R-94/025, Section 11), is less than 1.